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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/059,943

01/28/2002

Yakov Kamen

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06/16/2004

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EXAMINER

TRAN, TAM D

ART UNIT

PAPER NUMBER

2676

DATE MAILED: 06/16/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/059,943

Applicant(s)

KAMEN, YAKOV

Examiner

Tam D Tran

Art Unit

2676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Examiner suggests that applicant specifically defines the geometry attributes and information attributes. Also, does the word “contention” mean in contrast, contrary, mismatch, mis-align ?

According to the reference, examiner found screen tiles (rectangular portions of the screen corresponding to information attributes) which comprising geometry attributes, geometry attributes of tiles were sent to geometry modifier for modifying. See Fig. 5, Fig.6, Col.20 lines 8-65.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Putnam et al. (USPN 5262965), hereinafter simply Putnam.

3. In regard to claim 1,7, Putnam teaches a method and computer readable medium, comprising: receiving one or more information attributes to be applied to an object; see col.27 lines 25-27; determining if the one or more information attributes (screen tiles are rectangular portions of the screen corresponding to information attributes) in are in contention with one or more geometry attributes of the object; see Fig.5, Fig.6, col.20 lines 8-63; and when the one or more information attributes (screen tiles, rectangular portions which having geometry attributes corresponding to in contention with geometry attributes) are in contention with the one or more

Art Unit: 2676

geometry attributes, modifying the one or more geometry attributes to reduce the contention with the one or more information attributes (tiles are sent to geometric modifier for modifying geometric attributes). See Fig.5, Fig.6, col.20 lines 49-64.

4. In regard to claims 2, 8, Putnam teaches a method and computer readable medium, wherein the contention between the geometry attributes and the information attributes is reduced (slow inputting and outputting of data) without modifying the information attributes. See col.7 lines 59-52.

5. In regard to claims 3, 9, Putnam teaches a method and computer readable medium, wherein the modified one or more geometry attributes are proportional with the one or more information attributes. See col.20 lines 60-64.

6. In regard to claims 4, 10, Putnam teaches a method and computer readable medium, wherein the geometry attributes are derived from the object. See col.20 lines 50-54.

7. In regard to claims 5, 11, Putnam teaches a method and computer readable medium, wherein the geometry attributes are derived from an input image of the object. See col.20 lines 50-54.

8. In regard to claims 6, 12, Putnam teaches a method and computer readable medium, further comprising: combining the modified geometry attributes and the information attributes to form a texture map. See col.19 lines 5-10.

9. In regard to claim 13, 16, 20, Putnam teaches a system and apparatus, comprising: a processor; a memory coupled to the processor; a storage device coupled to the memory and the processor, see col.16 lines 40-50, the storage device comprising: a geometry modifying code to modify one or more geometry attributes of an object to create new geometry attributes that

Art Unit: 2676

reduce contention with one or more information attributes of the object; see col.20 lines 55-64; and a texture map generating code to combine the new geometry attributes with the one or more information attributes to create a texture map to be applied to the object. See col.18 lines 61-65.

10. In regard to claims 14, 17, 21, Putnam teaches a system and apparatus, wherein the storage device further comprising: an information attribute receiving code to receive the information attributes to create the texture map. See col.18 lines 61-65.

11. In regard to claim 18, Putnam teaches a system and apparatus, wherein the information attribute receiver includes an attribute separator to separate the information attributes from background attributes. See col.27 lines 25-27

12. In regard to claims 15, 19, 22, Putnam teaches a system and apparatus, wherein the geometry modifying code modifies the one or more geometry attributes of the object to preserve informative content of the information attributes. See col.20 lines 55-64.

Response to Arguments

13. Applicant's arguments filed on 3/29/2004, have been fully considered but they are not persuasive.

Applicant argues that the prior art does not teach “when the one or more information attributes are in contention with the one or more geometry attributes, modifying the one or more geometry attributes.” However, examiner respectfully disagrees with the argument because on Fig. 5, Fig.6, Col.20 lines 8-65, Putnam teaches screen tiles (rectangular portions of the screen corresponding to information attributes) which comprising geometry attributes, geometry attributes of tiles were sent to geometry modifier for modifying corresponding to in contention

Art Unit: 2676

with the geometry attributes modify geometry attributes. For these reasons, the rejections are maintained.

14. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Conclusion

15. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is **703-305-4196**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Matthew Bella** can be reached on **703-308-6829**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

Art Unit: 2676

(703) 872-9314 (for Technology Center 2600 only)


Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive,
Arlington, VA, Sixth floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding
should be directed to the Technology Center 2600 Customer Service Office whose
telephone number is (703) 306-0377.

Tam Tran

TT
Examiner

Art unit 2676



**MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600**